Notebook, N-06-08-27.1

Instrument Dept. E18 Cells.

	TIME	TOTAL VOLTS	#
8/27/06	9.00 A.M.	on chg @ 40	
8/28	1.00 A.M.	off – 15 hrs.	Run # 15.
	1.40 P.M.	on discharg @ 30	
	6.37	7.0	
8/28	7.04 P.M.	on chg @ 30	
8/29	12.04 A.M.	off – 5 hrs	Run # 16.
	12.04 A.M.	on discharg @ 30	
	3.53 A.M.	7.0	
8/29	7.00 A.M.	on chg @ 30	
	12.00 P.M.	off – 5 hrs.	Run # 17
	12.00 P.M.	on discharg	
	3.40 P.M.	7.0 10.2 7.1 6.8 8.0 11.5 10.9 11.4 11.6 7.2 11.7 11.5 11.4 10.0 11.2 11.6 11.7 11.5 7.1 7.0 11.4	
8/29	7.00 P.M.	on chg @ 30	
8/30	12.00 A.M.	off – 5 hrs.	Run # 18
	12.00 A.M.	on discharg.	
	3.32 A.M.	7.0	
8/30	7.00 A.M.	on chg @ 30	
	12.03 P.M.	off – 5 hrs.	Run # 19
	12.03 P.M.	on discharg @ 30	
	4.47 P.M.	7.5	
8/31	1.00 A.M.	on chg @ 30 – 10 hrs	
	11.03 "	off	Run # 20
	11.03 "	on discharge	
	3.53 P.M.	10.8 10.2 6.6 6.1 9.9 10.8 11.4 11.2 11.2 6.8 11.2 11.1 10.9 10.4 10.9 11.2 10.9 10.4 6.5 6.4 10.1	
8/31	7.00 P.M.	on chg @ 30	
9/1	12.00 A.M.	off	Run # 21
	12.00 A.M.	on discharge	
	4.02 A.M.	7.0	
9/1	7.00 A.M.	on chg @ 30	
	12.00 P.M.		Run # 22
	12.00 P.M.	on discharge	
	4.05 P.M.	7.0	

Stood over Sunday + Solon Day

	TIME	TOTAL VOLTS		
9/4/06	7:00 P.M.	—	on charge @ 30	Run #23.
	12.00 PM	—	off	
	12.00		on discharge @ 30	
	3.55 AM	20		
9/5/06	7:00 A.M.	—	on charge @ 30	Run #24
	12..	—	off.	
	12.00	—	on discharge @ 30	
	3.38	20		
9/5/06	7:00 P.M.	—	on charge @ 30	Run # 25
	12.00 AM	—	off	
9/6/06	12.00 AM	—	on Discharge @ 30	
	3.56 AM	20		
9/6/06	7:00 A.M.	—	on charge @ 30	Run #26
	12.00 A.M.	—	off	
	12.06 A.M.	—	on discharge @ 30	
	3.47 P.M.	20	108 70 Run 112 118 120 119 119 70 119 118 116 72 118 119 119 119 97 71 118	
9/6/06	7.00 P.M.	—	on charge @ 30	Run # 27
9/7/06	12.00 AM	—	off	
	12.00 AM	—	on Discharge @ 30	
	3.28 AM	20		
9/7/06	7.00 A.M.	—	on charge @ 30	Run # 28
	12.00 A.M.	—	off	
	12.00	—	on Discharge @ 30	
	3.30	20	98 67 — 113 118 120 120 120 66 119 118 114 72 116 119 118 118 74 71 118	
	7.00 P.M.	—	on charge @ 30	Run # 29
9/8/06	12.00 A.M.	—	off.	
	12.00 AM		on Discharge @ 30	
	3.25 a.m.	20		
9/8/06	7.00 AM.	—	on charge @ 30	Run #30
	12.00 A.M.	—	off	
	12.00 AM	—	on Discharge @ 30	
	4.00		off	

	Time	Total Volts	
9/10/06	8:10 A.M.	—	on charge at 30
	12:00 M	—	off
	1:10 P.M.	—	on chg. again
	7:20 P.M.	—	off — 5 hrs.
	7:20 "	29.2	on discharge @ 30
	5:47 "	20	78 47 – 116 120 121 120 120 52 120 119 109 73 115 120 120 120 73 72 119
			Run # 31
9/10/06	7:00 P.M.	—	on charge @ 30
	12:00 A.M.	—	off
	12:00 A.M.	—	on Discharge @ 30
	3:29 a.m.	20	
			Run # 32.
9/11/06	7:00 A.M.	—	on charge
	12:02 P.M.	—	off
	12:02 P.M.	—	on discharge
	4:00 P.M.	—	off – no [illegible] – cells may [illegible]
			Run # 33
9/11/06	7:00 P.M.	—	on charge
	12:00 a.m.	—	off
9/12/06	1:00 am	—	on Discharge
	3:01 am	20	
			Run # 34
9/12/06	7:00 a.m.	—	on charge @ 30
	12:00 M.	—	off
	1:45 P.M.	—	on chg. again
	6:45 P.M.	—	off — 10 hrs
	6:45 P.M.	—	discharge @ 30
	6:45 P.M.	—	on Discharge @ 30
	11:15 P.M.	20	off
			Run # 35
9/13/06	7:00 am.	—	on charge @ 30
	12:00 M.	—	on discharge
	3:22 P.M.	20	off
			Run # 36
9/14/06	7:00 P.M.	—	on charge @ 30
	12:00 A.M.	—	off
	12:00 a.m.	—	on discharge @ 30
	3:16 a.m.	20	off
			Run # 37
	7:00 a.m.	—	on charge @ 30
	12:05 P.M.	—	on discharge
	3:20 "	20	74 69 – 115 120 121 120 118 73 120 120 78 73 115 120 121 120 75 103 119
			Run # 38

Room #301

Conference @ 30

Meeting @ 30

Workshop @ 40

Classroom @ 40

Auditorium @ 40

Lecture @ 40

Theater @ 40

Banquet @ 40

Reception @ 40

Exhibit @ 40

Cocktail @ 40

Dining @ 40

Buffet @ 40

Outdoor @ 40

Other @ 40

Notes:

9/9/96 8:00 AM.

9/9/96 12:00 PM.

9/9/96 3:31 PM.

Room Set

Setup

Events

Date

Start

End

Actual

Start

End

Actual

Start

End

Actual

Endurance Test.

Treated 2 | 8 Cells.
Previous History and Regular Runs are in Vol. 9, "Sour Corporation." Also in Report Book.

DATE	TIME		AMPS	1932	1936	1145	1149	1151	1103	1143	1109	1151		
10/21/09	8.00	A.M.	40	on charge									Run # 151.	
	12.00		-	off - 4 hrs.										
	12.00	P.M.	30	on discharge										
	3.50	"	"	—	—	75	42	38	—	79	—	46		
	4.00	P.M.	40	On charge									Run # 152	
	8.00	"	"	off - 4 hrs.										
	8.00	"	30	on discharge										
	12.00	M.	"	off 4 hrs.										
10-22-09	12.00	M.	40	On charge									Run # 153	
	4.00	AM	"	off 4 hrs.										
	4.00	"	30	on discharge										
	8.00	"	"	off 4 hrs.										
	8.00	"	40	On charge									Run # 154	
	12.00	Noon	"	off - 4 hrs.										
	12.03	Noon	30	On Discharge.										
	4.00	P.M.	32	—	—	27	43	35	—	26	—	45		
	4.00	P.M.	40	On charge									Run # 155	
	8.00	"	40	off charge 4 hrs										
	8.00	"	30	On Discharge										
	12.00	M.	"	off Discharge										
10-23-09	12.00	"	40	On charge									Run # 156	
	4.00	A.M.	"	off 4 hrs.										
	4.00	"	30	on discharge										
	8.00	"	"	off 4 hrs.										
	8.00	"	40	On charge									Run # 157	
	12.00		"	off - 4 hrs.										
	1.00		30	On Discharge										
	3.56		20	—	—	2	44	40	—	—	—	51		
	4.00		40	On Charge									Run # 158	
	8.00		"	Off 4 hrs										
	8.00		30	On Discharge										
	12.00		32	off 4 hrs										
10-24-09	12.00		40	On charge 4 hrs									Run # 159	
	4.00		"	off charge 4 hrs										
	4.00		30	On Discharge										
	8.00		"	off 4 hrs										
	8.00		40	On charge	93.2	97	99.2	99	93.2	93.2	100	97.2	95.7	— Run # 160
	12.00		"	off charge 4 hrs										— 3 amps in both cells at 110° F. Room 75°
	12.00		30	on discharge										— 7 amps 110° F — Room 78°
	3.44		"	105.5	109	111.5	109	109	109.5	109.5	109	111.5	109.5	—
			"	—	—	10	46	39	—	10	—	51		— S.G.

(10)

DATE	TIME	AMPS	1280	1284	1290	1294	1314	1433	1443	1469	1251	
10/24/07	4.00 RM.	40	On charge									Run # 161
	8.00	11	off 4 hrs									
	8.00	30	On Discharge									
	12.00	31	off 4 hrs									
10/25/07	12.00 AM	40	On charge									Run 162
	4.00	11	off 4 hrs									
	8.00	30	On discharge									
	12.00	29	off 4 hrs									
	8.00	40	On charge									Run 163
	12.00	11	off 4 hrs									
	12.00	30	On Discharge									
	3.45	30	19 46 40 5 10 - 49									
	4.00	40	On charge									Run # 164
	8.00	11	Off 4 hrs									
	8.00	30	On Discharge									
	11.56	30	off									
10/26/07	12.00	40	On charge									Run # 165
	4.00	11	off 4 hrs									
	4.00	30	On discharge									
	7.31	30	off									(15)
	8.00	40	On charge									Run # 166
	12.00	30	off 4 hrs									
	12.00	30	On Discharge									
	3.55	30	19 41 35 10 - 44									
10/28/07	8.00 AM.	40	On charge									Run # 167
	12.00	11	off - 4 hrs.									
	12.00	30	On Discharge									
	3.35	30	29 46 42 5 - 50									
	4.00 PM	40	On charge									Run # 168
	8.00	11	off 4 hrs									
	8.00	30	On Discharge									
	11.43	11	off Discharge									
10-29-07	12.00 AM	40	On charge									Run # 169
	4.00	11	off 4 hrs									
	4.00	30	On Discharge									
	7.49	11	off									
	8.00 AM	40	on charge									Run # 170
	12.00	11	96 98 99 100 99 97 99 97 96									Temp. 07 - Room 78° (20)
	12.00 PM	30	On Discharge									
	3.53	30	105 104 104 101 101 106 105 104 99									Temp. 07 Room. 76°
	4.00 PM	40	On charge									Run # 171
	8.00	40	Off 4 hrs.									
	8.00	30	On discharge									
	11.51	30	off charge									

DATE	TIME	AMPS	7837	7234	11475	11499	11514	11433	11443	11498	11451	
10/30/07	12:15 AM	40	On charge									Run #172
	4:15 AM	30	Off 4 hrs On discharge									
	8:01	"										
	8:02 AM	40	On charge									Run #173
	12:00	"										
	1:00 PM	30	On Discharge									
	3:44	"	-	20	46	45	10	-	47			
	4:00 PM	40	On Charge									Run # 174
	8:00	"	Off 4 hrs									
	8:00	30	On Discharge									
	11:47	"	off									
10/31/07	12:00	40	on charge									Run #175 (215)
	4:00	"	off 4 hrs									
	4:00	30	on discharge									
	7:38	"	off									

Endurance Test

New 218 Cells.

22763 - 210 KOH - Has had 22 runs.
22761 - 210 + 30g SiO2 gel - " 25 "

Treated S.C. Cells.

12372
12854
14306
} 210 KOH + 15g SiO2 gel. Had 10 runs.

14311
14375
14543
} 210 KOH Reg. Had 10 runs.

Give 50 runs, charging 4 hrs. @ 40 and discharging @ 30 4 hrs. or less.

W.T.H.

Date	TIME	AMP	#744	#787	#837	#838	#836	#831	#839	#835	
12/2/07	4 0 0	40	On charge								Charge # 1
	8 0 0	"	Off 4 hrs								12/4/07
	8 0 0	30	On discharge								
	12 0 0	30	120	116	42	33	43	47	—	54	
12/5-07	12 1 0	40	On charge								Charge # 2
	4 1 0	40	off 4 hrs								12/5/07
	8 1 0	30	On discharge								
	8 0 0	"	off								
	8 0 0	40	On charge								Charge # 3
	12 0 0	"	Off 4 hrs								12/5/07
	12 0 0	30	On discharge								
	4 0 0	30	116	113	44	37	46	52	—	58	
	4 0 0	40	On charge								Charge # 4
	8 0 0	40	Off 4 hrs								12/5/07
	8 0 0	30	On discharge								
	12 0 0	30	off discharge								
12-4-07	12 0 0	40	On charge								Charge # 5
	4 0 0	40	off 4 hrs								12-4-07
	4 0 0	30	On discharge								
	8 0 0	"	off discharge								
	8 0 0	40	On charge								Charge # 6
	12 0 0	40	off 4 hrs								12-5-07
	12 0 0	30	On discharge								
	4 0 0	30	113	63	41	30	41	44	—	48	
	4 0 0	40	On charge								Charge # 7
	8 0 0	40	Off 4 hrs								12/4/07
	8 0 0	30	On discharge								
	12 0 0	30	off discharge								
12-5-07	12 0 0	40	On charge								Charge #8
	4 0 0	"	off 4 hrs								12/4/07
	4 0 0	30	On Discharge								
	8 0 0	"	off Discharge								
	8 0 0	40	On Charge								Charge #9
	12 0 0	40	off								12/5-07
	12 0 0	30	On Discharge								
	4 0 0	32	111	108	40	30	42	49	—	54	
	4 0 0	40	On charge								Charge # 10
	8 0 0	40	Off 4 hrs								12/5/07
	8 0 0	30	On discharge								
	12 0 0	"	off discharge								
12-6-07	12 0 0	40	On Charge								Charge # 11
	4 0 0	"	off 4 hrs								12/6/07
	4 0 0	30	On Discharge								
	8 0 0	"	off Discharge								

Date	TIME	AMP.	12516	12708	12754	13136	13311	13532	13765	14116	14363	14508	14548	14643	
11/6/07	8.00 AM.	40	On charge												
	12.00	11	off												Charge #12
	12 00	30	On Discharge												12/6/07
	4 00	31	12	72	43	33	40	44	48						
			Stood over Sat + Sunday												
12/9/07	A.M. 8.00	40	On charge												
	12.00	11	off												Charge #13
	12 00	30	On Discharge												12/9/07
	4 00	30	111	59	42	-	32	40	3	88					
	4 00	40	On charge												Charge #14
	8 00	40	off												
			Cell # 14106 - 14642 just in for												12/9/07
			two nun. W.C.M.												
	8 00	30	On discharge												
	12 00	11	off												
12/10/07	12 00	40	On Charge												Charge #15
	4 00	11	off " "												
	4 00	30	On discharge												
	8 00	11	off "												
12/10/07	8 00	40	On charge												Charge #16
	12 00	11	off												
	12 00	30	On Discharge												
	4 00	30	111	31	38	-	31	36	-	23	-	-	90	33	102
	4 00	40	On charge												Charge #17
	8 00	40	off + hide												
	8 00	30	On discharge												
	12 00	11	off												
12-11-1907	12 00	40	On Charge												Charge #18
	4 00	11	off + hood Chg.												
	4 00	30	On Discharge												
	8 00	11	off												
	8 00	40	On charge												Charge #19
	12.58	11	off												
	12 00	30	On Discharge												
	4 00	32	109	-	36	-	30	34	-	23	-	-	71	-	101
	4 00	40	On charge												Charge #20
	8 00	40	Off charge												
	8 00	30	On discharge												
	2 00	30	off												

7

DATE	TIME	AMPS	2-7-96	1-7-03	12-12-02	12-8-04	1-8-96	1-8-01	12-7-97	12-8-03	12-7-02	12-6-05	12-6-02	12-6-00	
12-12-07	12 00	40	On Charge												Charge #21
	8 00	40	off 4 hrs												
	4 00	30	On Discharge												
	8 00	1	off												
	8 00	40	On charge												Charge #22
	11 55	40	off												
	12 00	30	On Discharge												
	4 00	30	111		41		33	38		30	-	-	84	30	104
	4 00	40	On Charge												Charge #23
	8 00	40	off 4 hrs												
	8 00	30	On discharge												
	12 00	1	off												
12-13-07	12 00	40	on charge												Charge #24
	4 00	40	off 4 hrs												
	4 00	30	On Discharge												
	8 00	1	off												
	8 00	40	On charge												Charge #25
	12 00	1	off												
	12 00	30	On Discharge												12/10/07
	4 00	30	110	-	39	6	34	40	-	42	-	-	100	31	103
12/16/07	8 00	40	On charge												Stock over Sat & Sunday
	12 00	40	off												Charge #26
	12 00	30	On Discharge												12/16/07
	4 00	30	101		39		33	40					05		103
	4 00	40	On charge												Charge #27
	8 00	40	Off 4 hrs												
	8 00	30	On discharge												
	12 00	1	off												
12-17-07	12 00	40	on Charge												Charge #28
	4 00	40	off 4 hrs												
	4 00	30	On discharge												
	8 00	1	off												
	8 00	40	On Charge												Charge #29
	11 55	40	off												
	12 00	30	On Discharge												12/17/07
	4 00	30	111	45	39	12	39	42	-	47	-	-	103	35	103
	4 00	40	On Charge												Charge #30
	8 00	40	Off 4 hrs												
	8 00	30	On discharge												
	12 00	1	off												

DATE	TIME	AMPS		2-3761	2-3763	2-3772	12-6574	14-326	14-3917	14-3925	14-5763	14-706	14-6615	14-74	14-6640	14-6642	
12-18-07	12 0 0	40	On Charge														Charge #31
	4 0 0	40	Off 4 hrs														
	4 0 0	40	On Discharge														
	8 0 0	1	off														
	8 0 0	40	On Charge														Charge # 32
	11 56	1	off														
	12 0 0	30	On Discharge														
	4 0 0	1		110	-	39	16	39	40	L	#3	-	-	105	36	103	
	4 0 0	40	On Charge														Charge #33
	8 0 0	1	off 4 hrs														
	8 0 0	30	On Discharge														
	12 0 0	1															
12-19-07	12 0 0	40	On charge														Charge # 34
	4 0 0	1	off 4 hrs														
	4 0 0	30	On Discharge														
	8 0 0	1	off														
	8 0 0	40	On Charge														Charge # 35
	12 0 0	1	off 4 hrs														
	4 0 0	30	On Discharge														
	4 0 0	30		107	-	37	10	34	34	-	36	-	-	99	14	102	
	4 0 0	40	On charge														Charge # 36
	8 0 0	1	off 4 hrs														
	8 0 0	30	On discharge														
	12 0 0	1	off														
12-20-07	12 0 0	40	On charge														Charge # 37
	4 0 0	1	off 4 hrs														
	4 0 0	30	On Discharge														
	8 0 0	1	off														
	8 0 0	40	On Charge														Charge # 38
	12 0 0	40	Off 4 hrs														
	12 0 0	30	On discharge														
	4 0 0	30		109	-	39	10	6	40	L	#3	-	-	104	32	103	
			Storm over Saturday + Sunday														
12/23/07	8 0 0	40	On Charge														Charge # 39
	12 0 0	1	off														
	12 0 0	30	On Discharge														
	4 0 0	30		111	-	40	30	36	39	-	-	98	-	103			
	4 0 0	40	On charge														Charge # 40
	8 0 0	40	Off 4 hrs														
	8 0 0	30	On discharge														
	12 0 0	1															
			off														

DATE	TIME	AMPS	22-146	12-713	18-378	12E1-6	14-246	14011	14-546	14-623	14-702	14-647	14-512	14-501	14-626	
12-24-07	17 8 0 0	40	On Charge													Charge #41
	4 0 0 0	"	off 4 hrs													
	8 12 0 0	30	On Discharge													
	8 12 0 0	"	off													
	8 0 0 0	40	On Charge													Charge #42
	12 0 0 0	"	off 4 hrs													
	12 8 0 0	30	On Discharge													
	4 0 0	28	103 - 40 - 28	13	12	71	-	-	86	-	103					
			Stood over Wednesday. (Xmas)													
12-26-07	8 0 0	40	On Charge													Charge #43
	12 0 0	"	off - 4 hrs.													
	12 8 0	30	On Discharge													
	4 0 0	"	100 - 30 - 16	14	-	-	-	-	56	-	97					
	4 0 0	40	On charge													Charge #44
	8 0 0	"	off 4 hrs													
	8 12 0	30	On Discharge													
	12 0 0	"	off													
12-27-07	12 0 0	40	On Charge													Charge #45
	8 12 0 0	"	off 4 hrs													
	8 0 0 0	30	On Discharge													
	12 0 0	"	off													
	8 0 0	40	On charge													Charge #46
	12 0 0	40	off 4 hr.													
	12 0 0	30	On Discharge													
	4 0 0	30	102 - 33 - 16	24	-	-	-	-	54	-	97					
			Stood over Sat + Sunday.													(28)
12/29/07	8 0 0	40	On charge													Charge #47
	12 0 0	11	off - 4 hr.													
	12 0 0	30	On Discharge													
	4 0 0	32	102 - 33 - 20	24	-	-	-	-	56	-	99					
	4 0 0	40	On charge													Charge #48
	8 0 0	40	off 4 hrs													
	8 4 0 0	30	On discharge													
	12 0 0	"	off													
12-31-07	12 0 0	40	On charge													Charge #49
	8 4 0 0	"	off 4 hrs.													
	8 0 0 0	28	On discharge													
	12 0 0	"	off													
	8 0 0	40	on charge													Charge #50
	12 0 0	40	off - 4 hrs.													
	12 0 0	30	On Discharge													
	4 0 0	36	103 - 25 - 12	18	-	-	-	-	65	-	93					